UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7
11201 Renner Boulevard
Lenexa, Kansas 66219

MAR 0 9 2018

[redacted]
315 Chestnut Street
Atlantic, Iowa 50022

RE: PCE Chestnut Street
CERCLIS ID. No. IAN000703467

Dear [redacted]

On February 13, 2018, representatives of the U.S. Environmental Protection Agency collected soil samples from your property at 315 Chestnut Street. This sampling activity was conducted as part of the ongoing investigation for the PCE Chestnut Street site. A map of the sample locations is included with this letter.

Samples collected from these locations were analyzed for site contaminants of concern by the EPA Region 7 laboratory. The specific contaminant of concern was tetrachloroethene, or PCE, which is a solvent commonly used as a degreaser and in dry cleaning operations. The table attached summarizes PCE concentrations in the soil samples collected from your property. Sample results are being evaluated to determine future EPA actions. Because the site investigation is ongoing, the collection of additional samples from your property may be requested in the future. A copy of the complete analytical results is also included with this letter.

This information is being provided to you in accordance with section 104(e)(4)(B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended.

If there are any questions regarding this matter, please contact me at (913) 551-7772 or by email at pritchard.jeffrey@epa.gov.

Thank you for your cooperation in this matter.

Sincerely,

Jeff Pritchard
On-Scene Coordinator
Response and Removal South Section
Superfund Division

Enclosures

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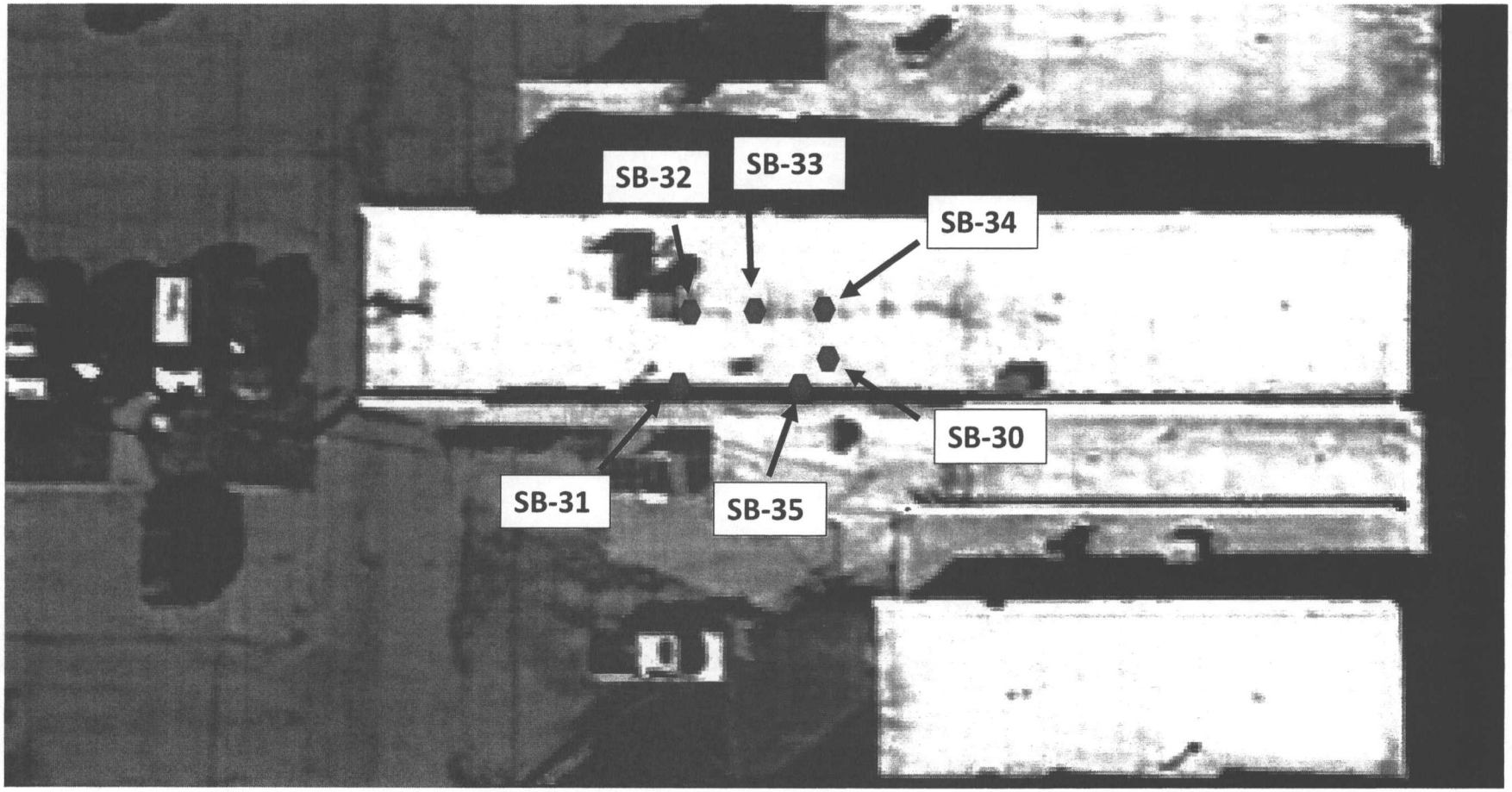
Superfund
3/9/18 CTL

cc: Ms. Amie Davidson
Supervisor Solid Waste Division
Iowa Department of Natural Resources
Wallace State Office Building
Des Moines, Iowa 50319

Mr. Stuart Schmitz
Iowa Department of Public Health
Principal Investigator/Environmental Toxicologist
321 E 12th Street
Des Moines, Iowa 50319-0075

PCE Chestnut Street Site
315 Chestnut Street
February 2018 Sample Locations



PCE Chestnut Street Site - 315 Chestnut Street
February 2018 PCE Sample Results

Sample Location on Map	EPA Sample Number	Sample Location-depth	PCE Result
Soil Samples - *results in micrograms per kilogram (µg/kg)*			
SB-30	7775-1	SB-30 from 2-3' bgs	20
SB-30	7775-2	SB-30 from 7-8' bgs	940
SB-31	7775-3	SB-31 from 2-3' bgs	7.2 U
SB-31	7775-4	SB-31 from 7-8' bgs	23
SB-32	7775-5	SB-32 from 2-3' bgs	7.5 U
SB-32	7775-6	SB-32 from 7-8' bgs	6.8 U
SB-33	7775-7	SB-33 from 2-3' bgs	14
SB-33	7775-8	SB-33 from 7-8' bgs	14
SB-34	7775-9	SB-34 from 2-3' bgs	7.3 U
SB-34	7775-10	SB-34 from 7-8' bgs	6.8 U
SB-35	7775-11	SB-35 from 2-3' bgs	79
SB-35	7775-12	SB-35 from 6-7' bgs	1,700

'	Feet
bgs	Below ground surface
PCE	Tetrachloroethene
U	Not detected above listed laboratory detection limit

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-1
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-1. This sample was collected on 02/12/2018 at the location described as: SB-30 from 2-3' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930~~. Correspondence should refer to sample number 7775-1 for project: JPB7A400 - PCE Chestnut Street. 913-551-7772

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 7.5	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 7.5	Micrograms per Kilogram
Tetrachloroethene	20	Micrograms per Kilogram
Trichloroethene	Less Than 7.5	Micrograms per Kilogram
Vinyl Chloride	Less Than 7.5	Micrograms per Kilogram

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-2
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-2. This sample was collected on 02/12/2018 at the location described as: SB-30 from 7-8' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930~~ 913-551-7772. Correspondence should refer to sample number 7775-2 for project: JPB7A400 - PCE Chestnut Street.

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 380	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 380	Micrograms per Kilogram
Tetrachloroethene	940	Micrograms per Kilogram
Trichloroethene	Less Than 380	Micrograms per Kilogram
Vinyl Chloride	Less Than 380	Micrograms per Kilogram

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-3
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-3. This sample was collected on 02/12/2018 at the location described as: SB-31 from 2-3' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930.~~ 913-551-7772 Correspondence should refer to sample number 7775-3 for project: JPB7A400 - PCE Chestnut Street.

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 7.2	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 7.2	Micrograms per Kilogram
Tetrachloroethene	Less Than 7.2	Micrograms per Kilogram
Trichloroethene	Less Than 7.2	Micrograms per Kilogram
Vinyl Chloride	Less Than 7.2	Micrograms per Kilogram

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-4
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-4. This sample was collected on 02/12/2018 at the location described as: SB-31 from 7-8' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930~~. Correspondence should refer to sample number 7775-4 for project: JPB7A400 - PCE Chestnut Street. 913-551-7772

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 6.9	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 6.9	Micrograms per Kilogram
Tetrachloroethene	23	Micrograms per Kilogram
Trichloroethene	Less Than 6.9	Micrograms per Kilogram
Vinyl Chloride	Less Than 6.9	Micrograms per Kilogram

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-5
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-5. This sample was collected on 02/12/2018 at the location described as: SB-32 from 2-3' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930~~ 913-551-7772. Correspondence should refer to sample number 7775-5 for project: JPB7A400 - PCE Chestnut Street.

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 7.5	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 7.5	Micrograms per Kilogram
Tetrachloroethene	Less Than 7.5	Micrograms per Kilogram
Trichloroethene	Less Than 7.5	Micrograms per Kilogram
Vinyl Chloride	Less Than 7.5	Micrograms per Kilogram

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-6
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-6. This sample was collected on 02/12/2018 at the location described as: SB-32 from 7-8' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930~~. Correspondence should refer to sample number 7775-6 for project: JPB7A400 - PCE Chestnut Street. 913-551-7772

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 6.8	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 6.8	Micrograms per Kilogram
Tetrachloroethene	Less Than 6.8	Micrograms per Kilogram
Trichloroethene	Less Than 6.8	Micrograms per Kilogram
Vinyl Chloride	Less Than 6.8	Micrograms per Kilogram

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-7
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-7. This sample was collected on 02/12/2018 at the location described as: SB-33 from 2-3' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930~~. Correspondence should refer to sample number 7775-7 for project: JPB7A400 - PCE Chestnut Street. 913-551-7772

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 9.2	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 9.2	Micrograms per Kilogram
Tetrachloroethene	14	Micrograms per Kilogram
Trichloroethene	Less Than 9.2	Micrograms per Kilogram
Vinyl Chloride	Less Than 9.2	Micrograms per Kilogram

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-8
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-8. This sample was collected on 02/12/2018 at the location described as: SB-33 from 7-8' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930~~ 913-551-7772. Correspondence should refer to sample number 7775-8 for project: JPB7A400 - PCE Chestnut Street.

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 7.7	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 7.7	Micrograms per Kilogram
Tetrachloroethene	14	Micrograms per Kilogram
Trichloroethene	Less Than 7.7	Micrograms per Kilogram
Vinyl Chloride	Less Than 7.7	Micrograms per Kilogram

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-9
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-9. This sample was collected on 02/12/2018 at the location described as: SB-34 from 2-3' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930~~. Correspondence should refer to sample number 7775-9 for project: JPB7A400 - PCE Chestnut Street. 913-551-7772

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 7.3	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 7.3	Micrograms per Kilogram
Tetrachloroethene	Less Than 7.3	Micrograms per Kilogram
Trichloroethene	Less Than 7.3	Micrograms per Kilogram
Vinyl Chloride	Less Than 7.3	Micrograms per Kilogram

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-10
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-10. This sample was collected on 02/12/2018 at the location described as: SB-34 from 7-8' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930.~~ 913-551-7772 Correspondence should refer to sample number 7775-10 for project: JPB7A400 - PCE Chestnut Street.

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 6.8	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 6.8	Micrograms per Kilogram
Tetrachloroethene	Less Than 6.8	Micrograms per Kilogram
Trichloroethene	Less Than 6.8	Micrograms per Kilogram
Vinyl Chloride	Less Than 6.8	Micrograms per Kilogram

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-11
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-11. This sample was collected on 02/12/2018 at the location described as: SB-35 from 2-3' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930~~ 913-551-7772. Correspondence should refer to sample number 7775-11 for project: JPB7A400 - PCE Chestnut Street.

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 7.5	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 7.5	Micrograms per Kilogram
Tetrachloroethene	79	Micrograms per Kilogram
Trichloroethene	Less Than 7.5	Micrograms per Kilogram
Vinyl Chloride	Less Than 7.5	Micrograms per Kilogram

United States Environmental Protection Agency
Region 7
11201 Renner Blvd
Lenexa, KS 66219

03/08/2018

Results of Sample Analysis

Sample: 7775-12
Project ID: JPB7A400

These are the results from the analysis of solid sample number 7775-12. This sample was collected on 02/12/2018 at the location described as: SB-35 from 6-7' bgs. If you have any questions about these results, contact Jeff Pritchard at the above address or by calling ~~913-495-3930~~ 913-551-7772. Correspondence should refer to sample number 7775-12 for project: JPB7A400 - PCE Chestnut Street.

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds in Soil at Low Levels by Closed-System Purge-and-Trap GC/MS.		
cis-1,2-Dichloroethene	Less Than 520	Micrograms per Kilogram
trans-1,2-Dichloroethene	Less Than 520	Micrograms per Kilogram
Tetrachloroethene	1700	Micrograms per Kilogram
Trichloroethene	Less Than 520	Micrograms per Kilogram
Vinyl Chloride	Less Than 520	Micrograms per Kilogram